

S/N 09/803,044  
Art Unit 1641

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#### Amendments to Specification

Please replace the paragraph commencing at line 25, page 6, with a new paragraph as follows:

- - In accordance with the principles of the invention, porous silicon is subject to organic thermal processing with alkenes ~~of aldehydes~~ which are carefully purified to remove peroxide and hydroperoxide impurities. Suitable alkenes include 1-decene, ethyl undecylenate, and 1,7 octadiene. The reaction is carried out in the absence of an external catalyst although it is possible that some degree of autocatalytic reaction may occur from the reaction products. - -